

46177

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	:	
	:	
Han-chung Ryu	:	Group Art Unit: Not Assigned
	:	
Serial No.: Not Assigned	:	Examiner: Not Assigned
	:	
Filed: February 19, 2004	:	
	:	
For: VOLTAGE CONVERTING METHOD	:	
AND VOLTAGE CONVERTING	:	
APPARATUS USING LARGE	:	
ELECTROLYTIC CONDENSER	:	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

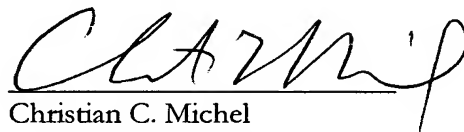
In accordance with 37 C.F.R. §§ 1.56 and 1.97-1.98, Applicant hereby transmits a copy of the document listed in the attached Form PTO-1449, which may be deemed material to the examination of the above-identified application.

As indicated, the document is in English and therefore, no statement of relevance is required. Also, since the present Information Disclosure Statement is being filed prior to issuance of a first Office Action on the merits, no certification under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(b) is required.

The Examiner is requested to consider the attached document in connection with the above-identified application and to return a copy of Form PTO-1449 to the Applicant with the Examiner's initials in the spaces provided.

Submission of this Information Disclosure Statement does not constitute an admission by the Applicants as to the materiality of the attached documents to the application, nor do the Applicants waive any right to challenge the validity of the documents as prior art should such action be deemed appropriate.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "C. Michel", written over a horizontal line.

Christian C. Michel
Attorney for Applicant
Reg. No.: 46, 300

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Dated: Feb 19, 2004

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 46177		SERIAL NO. Not Assigned	
INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)				APPLICANT Han-chung Ryu			
				FILING DATE February 19, 2004		GROUP Not Assigned	

U.S. PATENT DOCUMENTS														
EXAMINER INITIAL		DOCUMENT NUMBER								DATE	NAME	CLASS	SUBCL ASS	FILING DATE IF APPROPRIATE

PUBLISHED U.S. PATENT APPLICATIONS							
		Pub. No.	Pub. Date	Patentee	CLASS	SUB- CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS															
		DOCUMENT NUMBER								DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
														YES	NO

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)	
	Keith H. Billings, "Handbook of Switchmode Power Supplies", Chapter 7 - Inrush Control, pp. 1.73-1.75, McGraw-Hill Publishing Company (1989).

***EXAMINER:** Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw Line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.